

Listing of the Claims.

1. (Previously amended) A method for diminishing, inhibiting or eliminating addiction-related behavior of a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate or a pharmaceutically acceptable salt thereof, or an enantiomer or racemic mixture thereof.
2. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an aversive response to said composition.
3. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an appetitive response to said composition.
4. (Original) A method according to claim1, wherein said addiction-related behavior is diminished, inhibited or eliminated without an alteration in locomotor function of said mammal.
5. (Cancelled)
6. (Original) A method according to claim 1, wherein said addiction related behavior is conditioned place preference.
- 7.-8. (Cancelled)
9. (Original) A method according to claim 1, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

10-12. Cancelled.

13. (Original) A method according to claim 1, wherein said composition is not addictive to said mammal.

14. (Original) A method according to claim 1, wherein said mammal is a primate.

15. (Original) A method according to claim 1, wherein said drug of abuse is selected from the group consisting of psychostimulants, narcotic analgesics, alcohols, addictive alkaloids or combinations thereof.

16. (Original) A method according to claim 1, wherein said drug of abuse is selected from the group consisting of cocaine, nicotine, methamphetamine, morphine, heroin, ethanol, phencyclidine, methylenedioxymethamphetamine, or combinations thereof.

17. (Previously Amended) A method for diminishing, inhibiting or eliminating cravings associated with addiction to drugs of abuse in a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate or a pharmaceutically acceptable salt thereof, or an enantiomer or racemic mixture thereof.

18. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an aversive response to said composition.

19. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an appetitive response to said composition.

20. (Original) A method according to claim 17, wherein said cravings are diminished, inhibited or eliminated without an alteration in locomotor function of said mammal

21-23. (Cancelled)

24. (Original) A method according to claim 17, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

25-27. (Cancelled)

28. (Original) A method according to claim 17, wherein said mammal is a primate.

29. (Original) A method according to claim 17, wherein said composition is not addictive to said mammal.

30. (Original) A method according to claim 17, wherein said drug of abuse is selected from the group consisting of pshychostimulants, narcotic analgesics, alcohols, addictive alkaloids or combinations thereof.

31. (Original) A method according to claim 17, wherein said drug of abuse is selected from the group consisting of cocaine, nicotine, methamphetamine, morphine, heroin, ethanol, phencyclidine, methylenedioxymethamphetamine, or combinations thereof.

32.-46. (Cancelled)

47. (Previously Amended) A method for diminishing, inhibiting or eliminating dependency characteristics associated with addiction to drugs of abuse in a mammal, wherein said method comprises administering to said mammal an effective amount of a composition consisting essentially of topiramate, or a pharmaceutically acceptable salt thereof, or an

enantiomer or racemic mixture thereof.

48. (Original) A method according to claim 47, wherein said dependency characteristics are diminished, inhibited or eliminated without an aversive response to said composition.

49. (Original) A method according to claim 47, wherein said dependency characteristics are diminished, inhibited or eliminated without an appetitive response to said composition.

50. (Original) A method according to claim 47, wherein said dependency characteristics are diminished, inhibited or eliminated without an alteration of locomotor function in said mammal.

51.-53. (Cancelled)

54. (Original) A method according to claim 47, wherein said composition comprises topiramate administered in an amount of about 25mg to about 1g/day.

55.-57 (Cancelled)

58. (Original) A method according to claim 47, wherein said mammal is a primate.

59. (Original) A method according to claim 47, wherein said composition is not addictive to said mammal.

60. (Original) A method according to claim 47, wherein said drug of abuse is selected from the group consisting of pshychostimulants, narcotic analgesics, alcohols, addictive alkaloids or combinations thereof.

61. (Original) A method according to claim 47, wherein said drug of abuse is selected from the group consisting of cocaine, nicotine, methamphetamine, morphine, heroin, ethanol, phencyclidine, methylenedioxymethamphetamine, or combinations thereof.

62-96. Cancelled.